







Substitute for Form 1449 A & B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/386,000
				Confirmation Number	9906
				Filing Date	August 30, 1999
				First Named Inventor	Kenichi MIYAZAKI
				Art Unit	3651
				Examiner Name	Patrick H. MACKEY
Sheet	1	of	1	Attorney Docket Number	Q55595

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
<i>C</i>		US 5,149,217		09/22/1992	Narita
		US			
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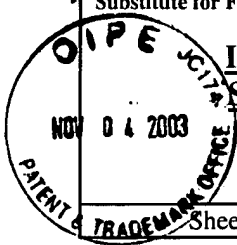
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	1-145961	A	06/07/1989		
		JP	9-263015	A	10/07/1997		
		JP	3-47770	A	02/28/1991		
		JP	8-235309	A	09/13/1996		
		JP	56-118056	U			
		JP	1-122472	A	05/15/1989		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature	<i>PA</i>	Date Considered	2/6/04
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		US			
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	63-173143		11/10/1988		No
		JP	04-086651		07/28/1992		No

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Japanese Office Action dated August 4, 2003	No

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<i>D</i>		Office Action from Japanese Patent Office, dated November 4, 2003	No

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